L Number	Hits	Search Text	DB	Time stamp
1	18	ellip$8 and 382/256-257.ccls.	USPAT	2004/11/04 10:32
7	139	binar$8 same (edge$1 near3 (detect$6 determin$8)) same ((dark$5 or obscur$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:33
8	54	binar$8 same (edge$1 near3 (detect$6 determin$8)) same ((dark$5 or obscur$4)) and (dilat$7 or erosion$3 or prune or pruning or expansion$2 or morph$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:33
12	63	(binar$8 same (edge$1 with (detect$6 determin$8)) same ((dark$5 or obscur$4))) and (dilat$7 or erosion$3 or prune or pruning or expansion$2 or morph$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:33
14	543	(binar$8 same (edge$1 with (detect$6 determin$8))) and inspect$8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:34
21	391	binar$8 with (dark near2 (region$1 or area$1 or section$1 or part$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:35
22	0	382/141-149.ccls. and (list$3 near3 dark$4 near3 (region$1 area$1 section$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:35
24	409	382/173.ccls. and binar$8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:35
25	73	382/173.ccls. and binar$8 and (edge$1 near (detect$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:35
31	611	binar$8 same (dark$4 near3 (region$1 area$1 section$1 part$1))	USPAT	2004/11/04 10:35
32	252	binar$8 with (dark$4 near3 (region$1 area$1 section$1 part$1))	USPAT	2004/11/04 10:35
34	0	(prun$4 same (fuzzy near threshold$7))	USPAT	2004/11/04 10:36
37	8749	382/145-147,149,141.ccls. 348/86-87,125-126,130.ccls. 356/237.1,237.2,237.5,239.3,904.ccls. 250/306-307,311,559.05,559.06,559.07,559.39,492.2,491.1.ccls.	USPAT	2004/11/04 10:36
39	0	5809106.pn. and register$6	USPAT	2004/11/04 10:36
42	0	5321767.pn. and register$6	USPAT	2004/11/04 10:36
43	0	5321767.pn. and regist$8	USPAT	2004/11/04 10:36
44	19	patmax and cognex	USPAT	2004/11/04 10:36
48	8749	382/145-147,149,141.ccls. 348/86-87,125-126,130.ccls. 356/237.1,237.2,237.5,239.3,904.ccls. 250/306-307,311,559.05,559.06,559.07,559.39,492.2,491.1.ccls.	USPAT	2004/11/04 10:36
50	0	(mask$4,w2thctangent$6 with edge$1) and (382/145-147,149,141.ccls. 348/86-87,125-126,130.ccls. 356/237.1,237.2,237.5,239.3,904.ccls. 250/306-307,311,559.05,559.06,559.07,559.39,492.2,491.1.ccls. 700/110,121.ccls.)	USPAT	2004/11/04 10:36

2	12	(4,396,903 4,490,848 4,876,728 5,845,007 5,862,249 5,872,870 5,917,935 5,179,419 5,371,690 5,588,068 6,539,106 6,167,150).pn.	USPAT	2004/11/04 10:36
3	1	6748110.pn.	USPAT	2004/11/04 10:36
4	13	("4396903" | "4490848" | "4876728" | "5179419" | "5309486" | "5371690" | "5588068" | "5845007" | "5862249" | "5872870" | "5917935" | "6167150" | "6539106").PN.	USPAT	2004/11/04 10:36
5	49	("5581632" "5901241" "5657394" "6118894" "5266895" "6621517" "6285047" "6240218" "5642158" "5548326" "5566877" "5530278" "4462802" "5211167" "5575754" "6734687" "6097473" "4390025" "4894541" "6208419" "4812666" "5835622" "5758537" "5890390" "5932323" "4779981" "5616931" "6380554" "5935870" "5757506" "4929893" "4628207" "4328264" "5345514" "5417494" "5436462" "5481917" "5834323" "6172363" "6329826" "6459807" "6061476" "6061476" "5982927" "6269194" "6317513" "6721461" "6278128" "6429532" "6165807").pn.	USPAT	2004/11/04 10:36
6	15	edge$1 same (boundary near description$1)	USPAT	2004/11/04 10:36

9	54	(binar$8 same (edge$1 near3 (detect$6 determin$8)) same ((dark$5 or obscur$4))) and (dilat$7 or erosion$3 or prune or pruning or expansion$2 or morph$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:36
10	74	(binar$8 with ((dark$5 or obscur$4))) and (edge$1 near3 (detect$6 determin$8)) and (dilat$7 or erosion$3 or prune or pruning or expansion$2 or morph$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:36
11	57	((binar$8 with ((dark$5 or obscur$4))) and (edge$1 near3 (detect$6 determin$8)) and (dilat$7 or erosion$3 or prune or pruning or expansion$2 or morph$7)) not ((binar$8 same (edge$1 near3 (detect$6 determin$8)) same ((dark$5 or obscur$4))) and (dilat$7 or erosion$3 or prune or pruning or expansion$2 or morph$7))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:36
13	9	((binar$8 same (edge$1 with (detect$6 determin$8)) same ((dark$5 or obscur$4))) and (dilat$7 or erosion$3 or prune or pruning or expansion$2 or morph$7)) not ((binar$8 same (edge$1 near3 (detect$6 determin$8)) same ((dark$5 or obscur$4))) and (dilat$7 or erosion$3 or prune or pruning or expansion$2 or morph$7))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:36
15	2	("5081689" | "5204910").PN.	USPAT	2004/11/04 10:36
16	82	(binar$8 same (edge$1 with (detect$6 determin$8))) and inspect$8 and (morph$8 prun$6 erosion$1 dilation$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:36
17	46	(distal) same (prune or pruning)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:36
18	20	382/141-149.ccls. and (prune or pruning)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:36
19	109	(binar$8) same (prune or pruning)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:36
20	1	heuristic near refinement	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:36
23	25	(binar$8 with (dark near2 (region$1 or area$1 or section$1 or part$1))) and (edge near detect$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:36
26	24	382/173.ccls. and binar$8 and (edge$1 near (detect$4)) and (erosion or prun$4 or dilation$1 or skeleton$8 or expansion$1 or morph$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:36
27	166	382/149.ccls. and binar$8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 10:36
28	12	("4396903" | "4490848" | "4876728" | "5179419" | "5309486" | "5371690" | "5588068" | "5845007" | "5862249" | "5872870" | "5917935" | "6167150" | "6539106").PN. and (binar$8)	USPAT	2004/11/04 10:36

29	1	list$3 near3 dark$4 near3 (region$1 area$1 section$1 part$1)	USPAT	2004/11/04 10:36
30	28	382/147.ccls. and (edge near (determin$6 or detect$6))	USPAT	2004/11/04 10:36
33	13	binar$8 same (select$3 with (dark$4 near3 (region$1 area$1 section$1 part$1)))	USPAT	2004/11/04 10:36
35	11	(prun$4 same (fuzzy))	USPAT	2004/11/04 10:36
36	1	5691810.pn.	USPAT	2004/11/04 10:36
38	55	(382/145-147,149,141.ccls. 348/86-87,125-126,130.ccls. 356/237.1,237.2,237.5,239.3,904.ccls. 250/306-307,311,559.05,559.06,559.07,559.39,492.2,491.1.ccls.	USPAT	2004/11/04 10:36
40	4	7002110511247¢¢49,14andcIheuristic$5) 348/86-87,125-126,130.ccls. 356/237.1,237.2,237.5,239.3,904.ccls. 250/306-307,311,559.05,559.06,559.07,559.39,492.2,491.1.ccls.	USPAT	2004/11/04 10:36
41	1	7009106,pn1.andsaligna6(inspect$5 with	USPAT	2004/11/04 10:36
45	7	pptmbe aedrcmgnk$1and regist$8	USPAT	2004/11/04 10:36
46	1	6539106.pn. and background$6	USPAT	2004/11/04 10:36
47	5	382/257.ccls. and (prun$5)	USPAT	2004/11/04 10:36
49	47	mask$4 with tangent$6 with edge$1	USPAT	2004/11/04 10:37